

FIG. 1A is a schematic diagram of a circular structure 101, such as a disk, showing concentric rings 102, 103, 104, and 105. A portion of ring 102 is shaded. FIG. 1B is a schematic diagram of a data structure, such as a BCA, showing fields 106, 107, 108, and 109.

Fig. 1A

Fig. 1B

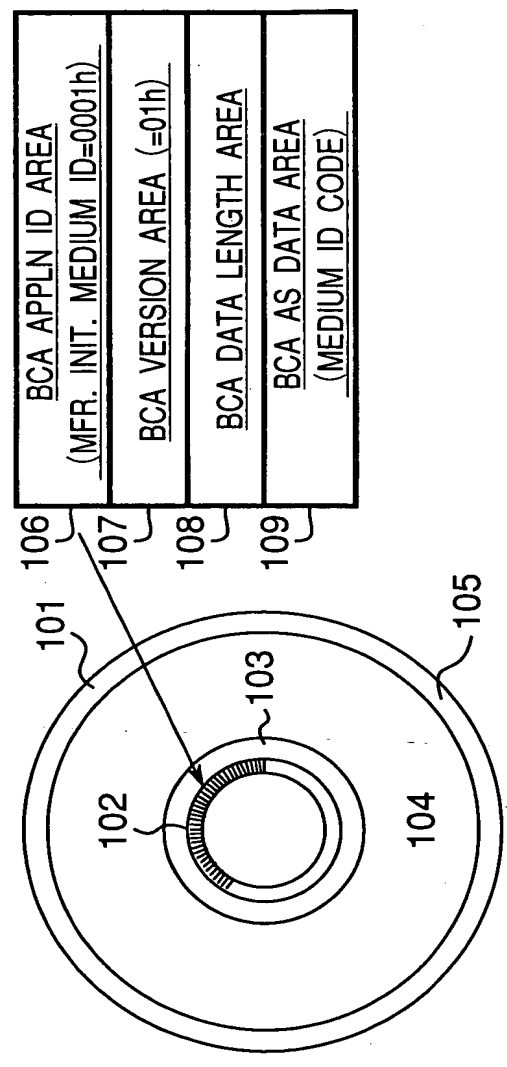


Fig. 2A is a schematic diagram of a disk layout. The disk is divided into several areas: a BLANK AREA, a REF. SIGNAL AREA, a BLANK AREA, a CTRL DATA AREA, and a BLANK AREA. The REF. SIGNAL AREA is located between the first and second BLANK AREAS. The CTRL DATA AREA is located between the second and third BLANK AREAS. The diagram is labeled 103.

Fig. 2A

BLANK AREA
REF. SIGNAL AREA
BLANK AREA
CTRL DATA AREA
BLANK AREA

103

Fig. 2B

CTRL DATA BLOCK 0	PHYS. FORMAT INF. (SECTOR 0)
	RESERVATION (SECTORS 1~15)
CTRL DATA BLOCK 1	PHYS. FORMAT INF. (SECTOR 0)
	RESERVATION (SECTORS 1~15)
...	
CTRL DATA BLOCK 191	PHYS. FORMAT INF. (SECTOR 0)
	RESERVATION (SECTORS 1~15)

110
111

Fig. 2C

SECTOR HEADER AREA
DISC TYPE INF.
DISC SIZE INF.
READ-OUT RATE INF.
DISC STRUCTURE INF.
REC. DENSITY INF.
DATA AREA ALLOCATION INF.
BCA EXISTENCE INF.
BCA APPLN ID AREA (MFR. INIT. MEDIUM ID=0001h)
BCA VERSION AREA
RESERVATION
EDC

USER DATA
AREA

Fig.3A

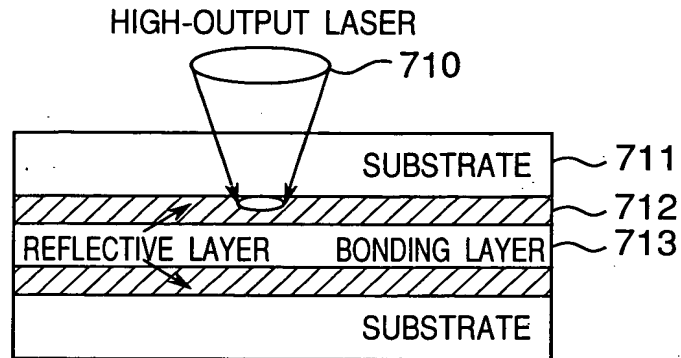


Fig.3B

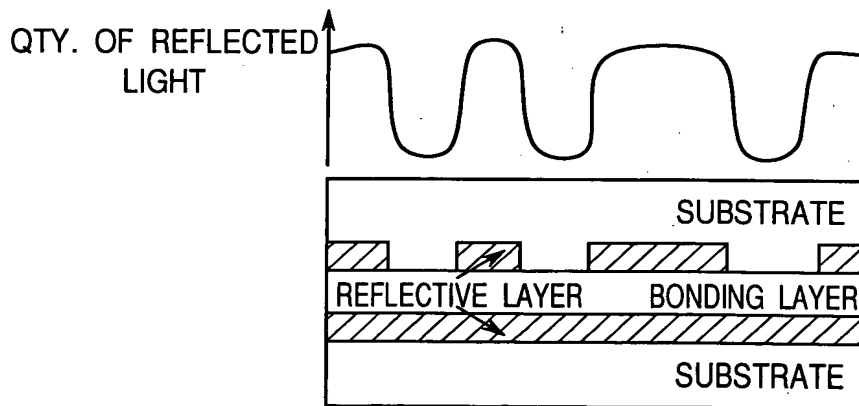


Fig.4

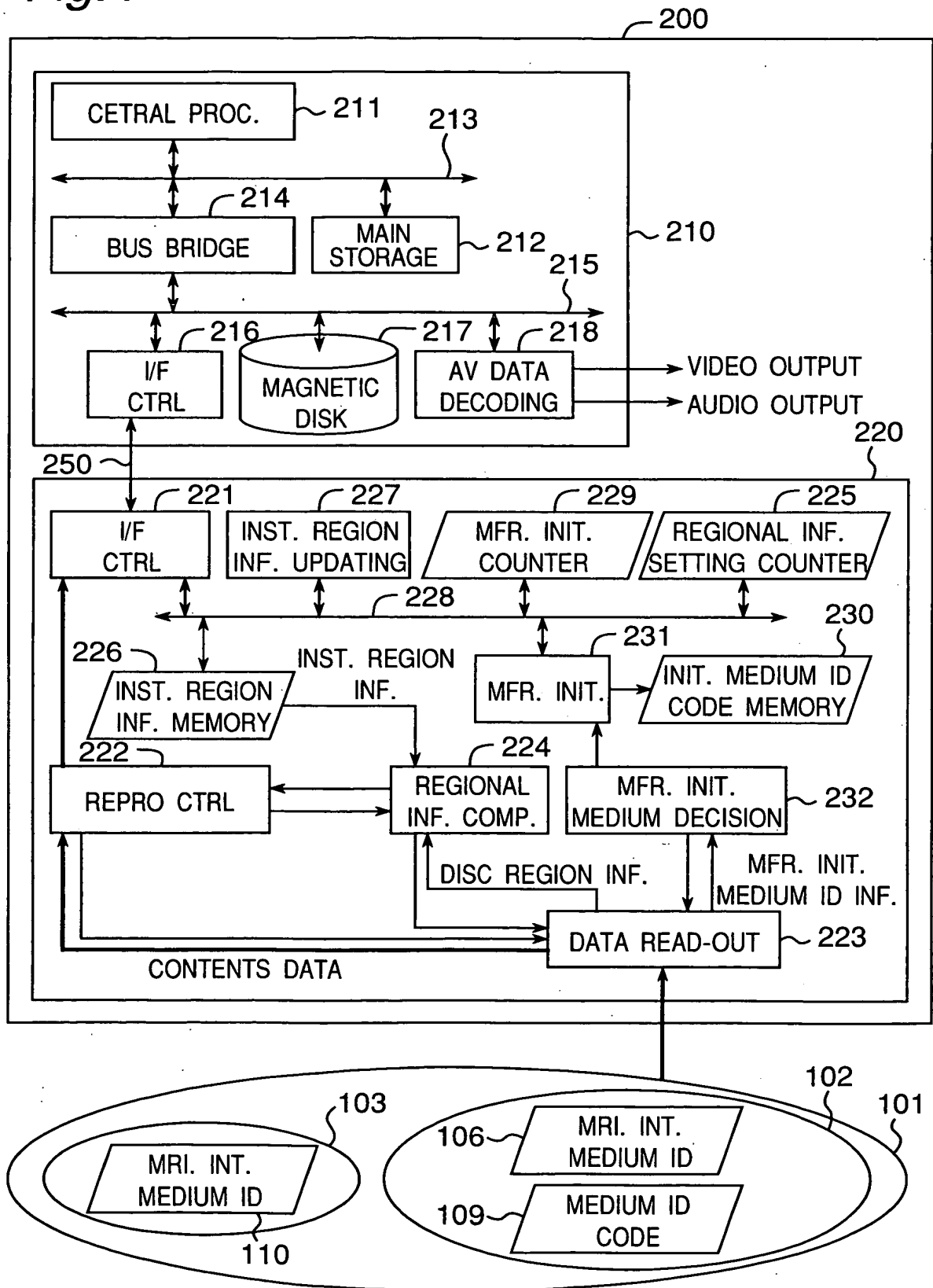


Fig.5

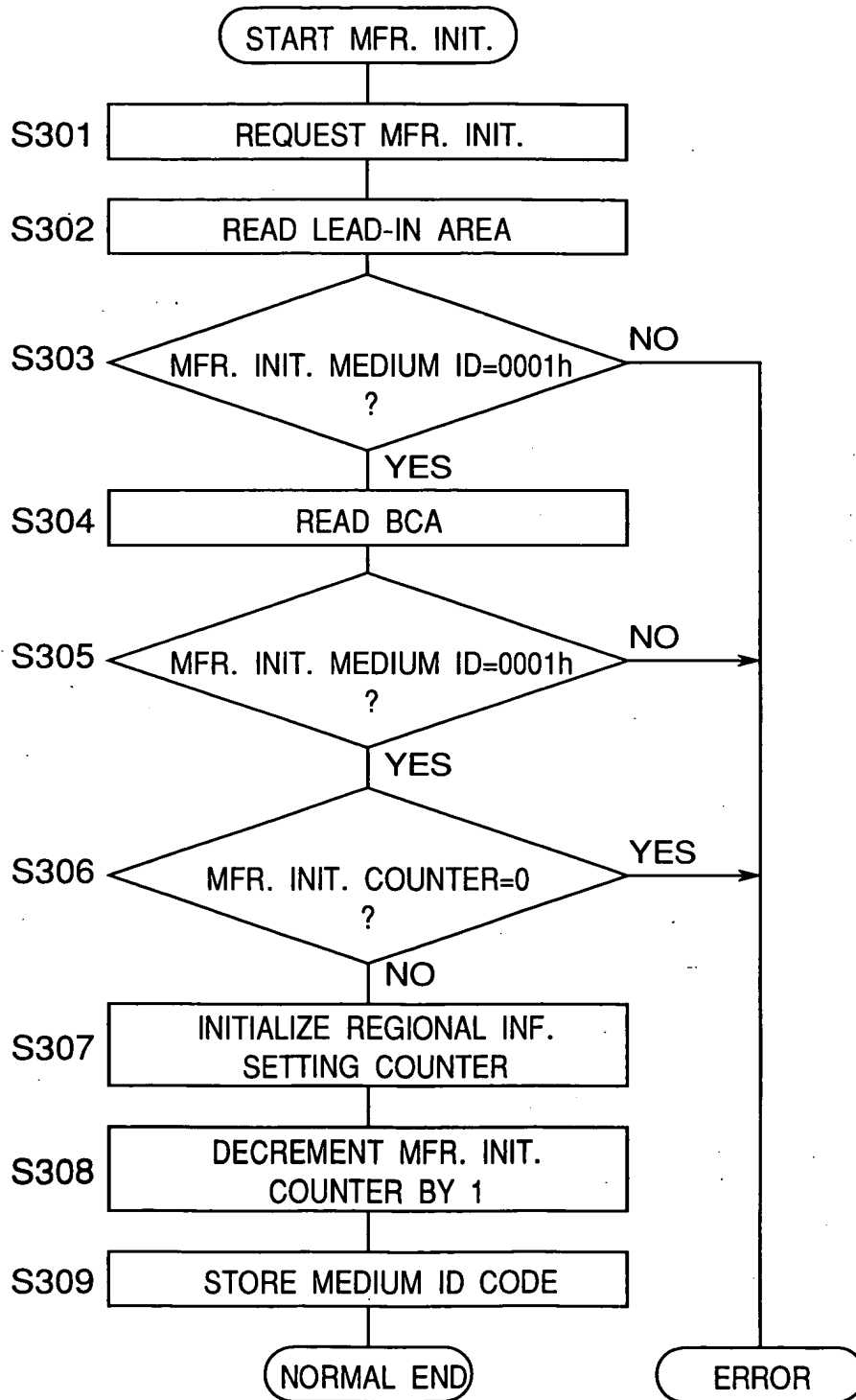


Fig.6 PRIOR ART

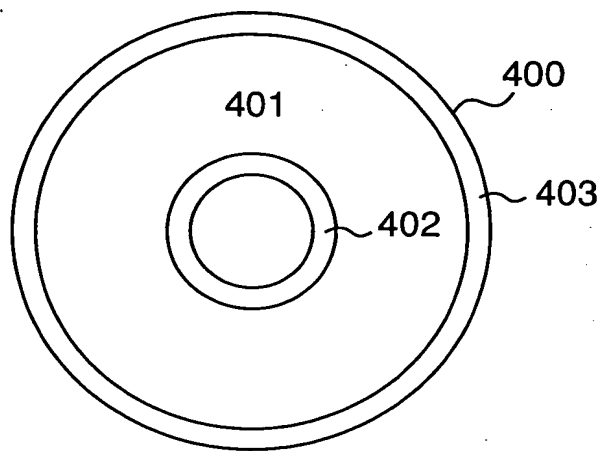


Fig. 7A
PRIOR ART



Fig. 7B
PRIOR ART

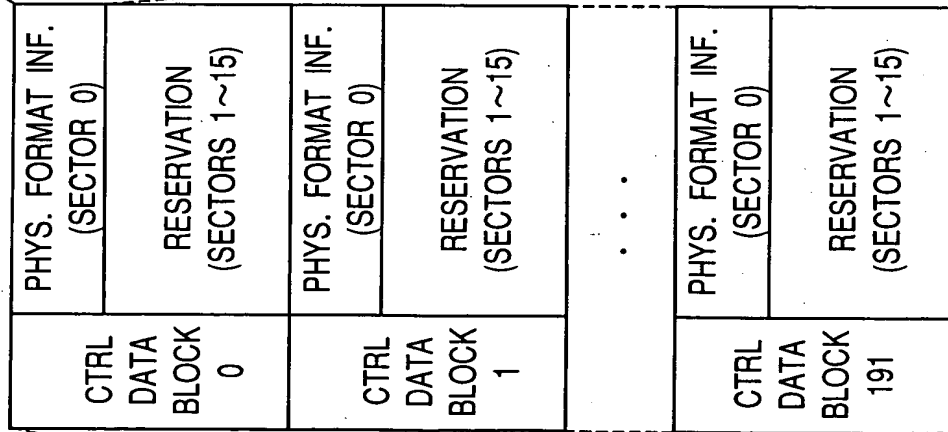


Fig. 7C
PRIOR ART

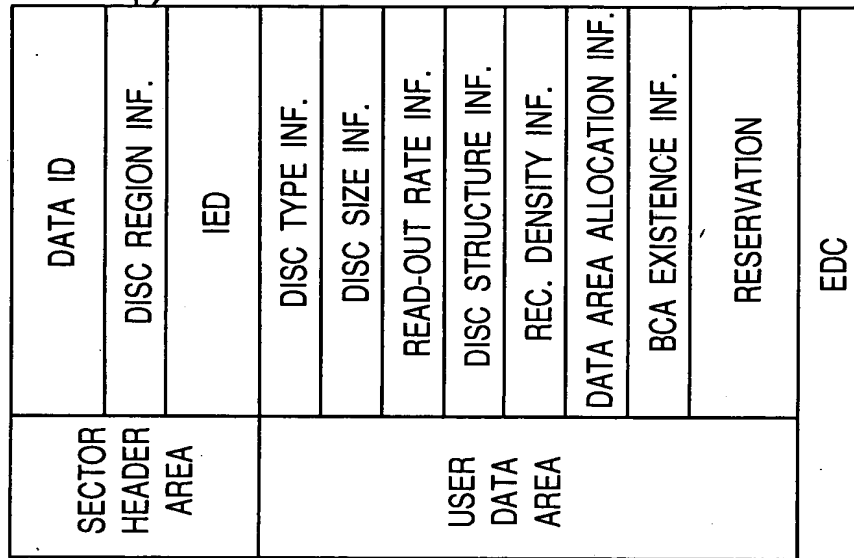


Fig. 7D
PRIOR ART

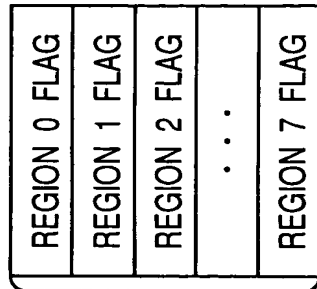


Fig.8 PRIOR ART

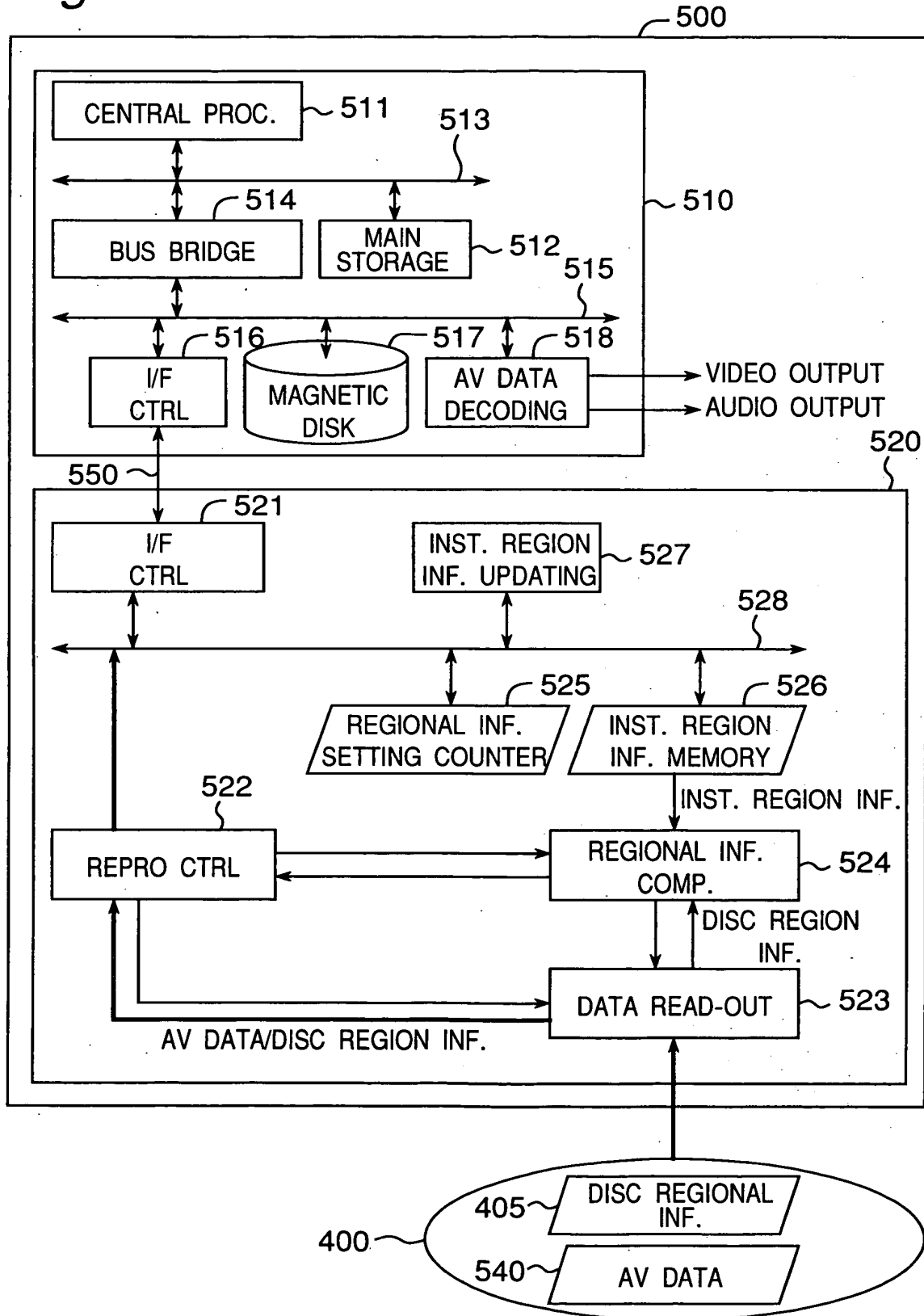


Fig.9 PRIOR ART

